

Claims

1. Apparatus for delivering defined sample volumes
above 0.01 μ l for miniaturized analytical systems,
5 comprising at least one channel section at each
end of which at least one fluidic connection is
present.
2. Apparatus according to Claim 1, characterized in
10 that the sample volume is between 0.05 and 30 μ l.
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3. Apparatus according to Claim 1 or 2, characterized
in that the channel system contains at least two
15 serial channel sections, each of which is
delimited by fluidic connections.
4. Apparatus according to one of Claims 1 to 3,
20 characterized in that the channel system contains
at least two parallel channel sections which are
delimited independently of one another by fluidic
connections.
5. Apparatus according to one of Claims 1 to 4,
25 characterized in that tightly sealing micropumps
serve as fluidic connections.
6. Apparatus according to one of Claims 1 to 4,
characterized in that micromixers, valves and
micropumps serve as fluidic connections.

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